Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

Client: Bruhat Bangalore Mahanagar Palike

Agency:-

Item No	Tender Item No.	Unit	As per BOQ			Executed beyond tender quantity up to 125%			Executed over & above 125% of tender quantity			As per estimate (Anticipated)		Excess	Savings	Remarks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
1	Removing & Refixing stone slabs of drains and pointing in C.M (1:3)complete as per the direction of Engineer in charge	Sqm	15544.40	117.00	1818694.22	11876.37	117.00	1389535.03	0.00	117.00	0.00	11876.37	1389535.03	0.00	429159.18	
2	Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per the direction of Engineer in charge	Cum	8482.26	248.00	2103600.48	8765.20	248.00	2173769.45	0.00	248.00	0.00	8765.20	2173769.45	70168.97	0.00	
3	Plain cement concrete 1:3:6 mix with crushed stone aggregate 40 m nominal size mechanically mixed, placed in foundation and compacted by vibration including curing complete as per the direction of Engineer in charge	Sqm	216.18	4704.00	1016910.72	268.44	4704.00	1262764.34	0.00	5261.76	0.00	268.44	1262764.34	245853.62	0.00	
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200 including cost of materials, labour, HOM complete as per specifications Wall & bottom thickness 15cm complete as per the direction of Engineer in charge	Cum	643.83	7424.00	4779793.92	803.66	7424.00	5966401.54	0.00	8418.41	0.00	803.66	5966401.54	1186607.62	0.00	
5	Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification, MORTH Specification No.1600 & 2200 TMT Bars Fe 500 complete as per the direction of Engineer in charge	ton	40.23	75942.00	3055237.79	50.29	75942.00	3819047.24	54.24	78771.59	4272202.22	104.52	7932795.93	4877548.69	0.00	
6	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. - do - cement mortar 1:6 complete as per the direction of Engineer in charge	Cum	82.80	5112.00	423273.60	82.80	5112.00	423273.60	0.00	6027.36	0.00	82.80	423273.60	0.00	0.00	
7	Providing and constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton per sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x15x20cms conforming to I.S. 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.-do with solid concrete blocks of size 400*200*200 mm complete as per the direction of Engineer in charge	Sqm	6557.60	1015.00	6655964.00	6257.29	1015.00	6351147.32	0.00	0.00	0.00	6257.29	6351147.32	0.00	304816.68	
8	Providing ruled pointing to coursed stone masonry with cement mortar, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, HOM curing complete as per specifications. - do - cement mortar 1:3complete as per the direction of Engineer in charge	Cum	22433.60	158.00	3544508.80	12300.20	158.00	1943430.97	0.00	0.00	0.00	12300.20	1943430.97	0.00	1601077.63	
9	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in For Coping , including cost of all materials, labour, HOM curing complete as per the direction of Engineer in charge	Cum	516.90	5880.00	3039372.00	476.50	5880.00	2801822.94	0.00	0.00	0.00	476.50	2801822.94	0.00	237549.06	
10	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per the direction of Engineer in charge	Cum	341.61	6035.00	2061616.35	146.21	6035.00	882347.18	0.00	0.00	0.00	146.21	882347.18	0.00	1179269.18	
11	Providing & laying precast drain cover slab of 100 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge (0.9 x 0.60 x 0.1)	Sqm	5053.31	2454.00	12400810.47	5053.31	2454.00	12400810.47	0.00	0.00	0.00	5053.31	12400810.47	0.00	0.00	
12	Providing and Fixing RCC Precast Cover Slab of 250 mm Thick for Drains in Cement Concrete M-20 using graded granite jelly of 20 mm and down size with steel Reinforcement, including form work lift charges, curing and concrete finished surface on both sides etc., complete as per the direction of Engineer in charge	Sqm	157.00	5685.00	892545.00	196.25	5685.00	1115681.25	494.40	6027.36	2979952.11	690.65	3926363.99	3033682.99	0.00	
13	Removing and resetting of kerb stones complete as per the direction of Engineer in charge	Rmt	10058.25	110.00	1106407.50	9787.18	110.00	1076589.69	0.00	0.00	0.00	9787.18	1076589.69	0.00	29817.81	
14	Providing and fixing pre cast solid concrete kerb stones of size 450x150x500 mm made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete as per the direction of Engineer in charge	no's	11900.00	491.00	5842900.00	10922.00	491.00	5362702.00	0.00	0.00	0.00	10922.00	5362702.00	0.00	480198.00	
15	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per the direction of Engineer in charge	Sqm	6165.20	89.00	548702.80	0.00	89.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	548702.80	
16	Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of modified proctors density complete as per the direction of Engineer in charge	Cum	661.20	361.00	238693.20	95.94	361.00	34634.34	0.00	0.00	0.00	95.94	34634.34	0.00	204058.86	
17	Providing and laying heavy duty cobble stones 75mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per the direction of Engineer in charge	Sqm	2088.00	1235.00	2578680.00	319.80	1235.00	394953.00	0.00	0.00	0.00	319.80	394953.00	0.00	2183727.00	
18	Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per the direction of Engineer in charge	Cum	3559.55	89.00	316800.31	3559.55	89.00	316800.31	0.00	0.00	0.00	3559.55	316800.31	0.00	0.00	

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| Item No. | Tender Item No. | Unit | Qty. | Rate | Amount | Qty. | Rate | Amount | % | % | %